



**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Serial No. : 10/681,455  
Applicants : Manabu KANNO et al.  
Filed : October 7, 2003  
For : APPARATUS FOR LEACHING  
ZINC CONCENTRATES  
Art Unit : 1742  
Examiner : Scott R. Kastler  
Docket No. : 02033D/HG  
Confirm. No.: 9353  
Customer No.: 01933

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ATTENTION: MAIL STOP AMENDMENT**

S I R :

This application is a Divisional application of application  
Serial No. 10/058,438.

Submitted herewith are the following:

(1) Copies of five U.S. patents that were cited in copending  
parent application Serial No. 10/058,438.

(2) Form PO/SB/08A. It is requested that an initialed copy  
of the Form PTO/SB/08A be returned to the undersigned to indicate  
that the publications listed therein have been considered and  
made of record;; and

(3) A check for \$180.

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Attorney: Richard S. Barth

Dated: June 14, 2004

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It is respectfully requested that the attached publications  
be considered and made of record.

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Respectfully submitted,



Richard S. Barth  
Reg. No. 28,180

Encs.: (1) Form PTO/SB/08A

(2) Copies of the publications cited in the  
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PTO/SB/08A (08-00)

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|---|--|----------------------|---|------------------------|--|-----------|
| Substitute for Form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |  | Application Number   |   | 10/681,455             |  |           |
|   |  | Filed                |   | October 7, 2003        |  |           |
|   |  | First Named Inventor |   | Manabu KANNO et al.    |  |           |
|   |  | Group Art Unit       |   | 1842                   |  |           |
|   |  | Examiner Name        |   | Scott R. Kastler       |  |           |
| Sheet   |  | of                   | 1 | Attorney Docket Number |  | 02033D/HG |

## U.S. PATENT DOCUMENTS

| Exam.<br>Inits* | Cite<br>No <sup>1</sup> | Document Number | Kind<br>Code <sup>2</sup> | Name of Patentee or<br>Applicant | Publication<br>Date MM-DD-YYYY | Relevant<br>Portion |
|-----------------|-------------------------|-----------------|---------------------------|----------------------------------|--------------------------------|---------------------|
|                 |                         | 4,269,808       |                           | KAWABATA                         | 05-26-1981                     |                     |
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## FOREIGN PATENT DOCUMENTS

| Exam<br>Inits* | Cite<br>No <sup>1</sup> | Offc <sup>3</sup> | Document Number <sup>4</sup> | Kind<br>Code <sup>5</sup> | Name of Patentee or<br>Applicant | Publication<br>Date MM-DD-YYYY | Relevant<br>Portion | T <sup>6</sup> |
|----------------|-------------------------|-------------------|------------------------------|---------------------------|----------------------------------|--------------------------------|---------------------|----------------|
|                |                         |                   |                              |                           |                                  |                                |                     |                |

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|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

DATE MAILED: June 14, 2004